***OOP LAB ASSIGNMENT = 2***

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Enrollment No. :- 19BT04046

1. Declare a class called book\_details to represent details for a book, having data members like title, author, edition, price and no\_of\_copies\_available. Define following functions:- constructor(s)- display to display all data members- find\_books to find and display details of all books having price less than Rs. 250- main to create an array of book\_details and to show usage of above functions.

#include<iostream.h>

#include<conio.h>

class book\_detail

{

char title[10];

char author[15];

int addition;

int price;

int noc;

public:

book\_detail();

void display();

void search()

{

if(price<250)

{

display();

}

}

};

void book\_detail::book\_detail()

{

cout<<"\n\n\t\t\t Enter Book Title = ";

cin>>title;

cout<<"\n\t Enter Author Of Book = ";

cin>>author;

cout<<"\t Addition Of Book = ";

cin>>addition;

cout<<"\t Price Of Book = ";

cin>>price;

cout<<"\t Number Of Copies Available = ";

cin>>noc;

};

void book\_detail::display()

{

cout<<"\n\t Book Title = "<<title;

cout<<"\n\t Author Of Book = "<<author;

cout<<"\n\t Addition = "<<addition;

cout<<"\n\t Price = "<<price;

cout<<"\n\t Number Of Copies Available = "<<noc;

}

int main()

{

clrscr();

cout<<"\n\n\t\t\t Name :- Ankit Senjaliya ";

cout<<"\n\n\t\t\t Enrollment No. :- 19BT04046 \n\n";

book\_detail b[2];

char ch;

cout<<"\n\t Do You Want To Print All Books Less Than 250 Price?(y/n) = ";

cin>>ch;

if(ch=='y')

{

for(int i=0;i<2;i++)

{

b[i].search();

}

}

else

{

cout<<"\n\t Not Any Books less Than 250 Price. ";

}

getch();

return 0;

}

